# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **AGILENT TECHNOLOGIES NEWPORT** | | | | | | | |
| ACETONITRILE | | 103 | 0 | 0 | 103 | 17,094 | 0 |
| METHANOL | | 835 | 0 | 0 | 835 | 18,056 | 0 |
| NITRIC ACID | | 0 | 0 | 0 | 0 | 4,800 | 15,429 |
| TOLUENE | | 3,362 | 0 | 0 | 3,362 | 127,452 | 0 |
| **Facility Total** | | 4,300 | 0 | 0 | **4,300** | **167,402** | **15,429** |
| **ALLENS HATCHERY** | | | | | | | |
| COPPER COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| MANGANESE COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| ZINC COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **AMERICAN MINERALS** | | | | | | | |
| BARIUM | | 20 | 64 | 0 | 84 | 0 | 0 |
| CHROMIUM COMPOUNDS | | 124 | 0 | 0 | 124 | 0 | 0 |
| LEAD | | 3 | 1 | 0 | 4 | 0 | 0 |
| MANGANESE COMPOUNDS | | 6,480 | 396 | 0 | 6,876 | 0 | 0 |
| NICKEL | | 14 | 13 | 0 | 27 | 0 | 0 |
| **Facility Total** | | 6,641 | 474 | 0 | **7,115** | **0** | **0** |
| **ARLON** | | | | | | | |
| XYLENE (MIXED ISOMERS) | | 15,736 | 0 | 0 | 15,736 | 5,076 | 155,608 |
| **Facility Total** | | 15,736 | 0 | 0 | **15,736** | **5,076** | **155,608** |
| **AVECIA** | | | | | | | |
| CERTAIN GLYCOL ETHERS | | 1 | 0 | 0 | 1 | 1,188 | 0 |
| COPPER COMPOUNDS | | 0 | 0 | 0 | 0 | 748 | 0 |
| **Facility Total** | | 1 | 0 | 0 | **1** | **1,936** | **0** |



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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **BERACAH HOMES** | | | | | | | |
| 1,2,4-TRIMETHYLBENZENE | | 1 | 0 | 0 | 1 | 0 | 0 |
| CERTAIN GLYCOL ETHERS | | 31 | 0 | 0 | 31 | 1 | 0 |
| CHLORODIFLUOROMETHANE | | 29 | 0 | 0 | 29 | 1 | 0 |
| COPPER | | 7 | 0 | 0 | 7 | 0 | 0 |
| DIISOCYANATES | | 126 | 0 | 0 | 126 | 14 | 0 |
| ETHYLBENZENE | | 1 | 0 | 0 | 1 | 0 | 0 |
| ETHYLENE GLYCOL | | 94 | 0 | 0 | 94 | 2 | 0 |
| MANGANESE COMPOUNDS | | 1 | 0 | 0 | 1 | 1 | 0 |
| N-HEXANE | | 4,222 | 0 | 0 | 4,222 | 86 | 0 |
| N-METHYL-2-PYRROLIDONE | | 2 | 0 | 0 | 2 | 0 | 0 |
| TOLUENE | | 2,569 | 0 | 0 | 2,569 | 52 | 0 |
| XYLENE (MIXED ISOMERS) | | 2 | 0 | 0 | 2 | 0 | 0 |
| ZINC COMPOUNDS | | 10 | 0 | 0 | 10 | 1 | 0 |
| **Facility Total** | | 7,093 | 0 | 0 | **7,093** | **157** | **0** |
| **BLADES BULK PLANT** | | | | | | | |
| 1,2,4-TRIMETHYLBENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| BENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| ETHYLBENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| METHYL TERT-BUTYL ETHER | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| N-HEXANE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOLUENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| XYLENE (MIXED ISOMERS) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **CAMDEL METALS** | | | | | | | |
| CHROMIUM | | 0 | 0 | 0 | 0 | 5 | 0 |
| MANGANESE | | 0 | 0 | 0 | 0 | 2 | 0 |
| NICKEL | | 0 | 0 | 0 | 0 | 7 | 0 |
| TRICHLOROETHYLENE | | 20,681 | 0 | 0 | 20,681 | 1,450 | 0 |
| **Facility Total** | | 20,681 | 0 | 0 | **20,681** | **1,464** | **0** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **CARL KING** | | | | | | | |
| 1,2,4-TRIMETHYLBENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| BENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| CYCLOHEXANE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| ETHYLBENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| METHYL TERT-BUTYL ETHER | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| NAPHTHALENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| N-HEXANE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOLUENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| XYLENE (MIXED ISOMERS) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **CHROME DEPOSIT** | | | | | | | |
| CHROMIUM COMPOUNDS | | 0 | 0 | 0 | 0 | 1,200 | 1,500 |
| LEAD COMPOUNDS | | 0 | 0 | 0 | 0 | 6,000 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **7,200** | **1,500** |
| **CIBA SPECIALTY CHEMICALS** | | | | | | | |
| ANILINE | | 45 | 0 | 0 | 45 | 168,301 | 0 |
| BIPHENYL | | 123 | 0 | 0 | 123 | 218,101 | 2,321 |
| CYCLOHEXANE | | 88 | 0 | 0 | 88 | 15,803 | 5,090 |
| METHANOL | | 31,310 | 0 | 0 | 31,310 | 2,309,417 | 676,890 |
| P-CHLOROANILINE | | 18 | 0 | 0 | 18 | 51,374 | 0 |
| XYLENE (MIXED ISOMERS) | | 777 | 0 | 0 | 777 | 1,970 | 3,457 |
| **Facility Total** | | 32,361 | 0 | 0 | **32,361** | **2,764,966** | **687,758** |
| **CITISTEEL USA** | | | | | | | |
| CHROMIUM COMPOUNDS | | 150 | 3 | 65 | 218 | 43,234 | 0 |
| COPPER COMPOUNDS | | 136 | 8 | 21 | 165 | 45,304 | 0 |
| LEAD COMPOUNDS | | 678 | 4 | 37 | 719 | 354,147 | 0 |
| MANGANESE COMPOUNDS | | 434 | 20 | 419 | 873 | 217,121 | 0 |
| MERCURY COMPOUNDS | | 39 | 0 | 0 | 39 | 27 | 0 |
| NICKEL COMPOUNDS | | 26 | 6 | 25 | 57 | 4,795 | 0 |
| ZINC COMPOUNDS | | 2,835 | 24 | 139 | 2,998 | 2,119,204 | 0 |
| **Facility Total** | | 4,298 | 65 | 706 | **5,069** | **2,783,832** | **0** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **CLARIANT** | | | | | | | |
| ANTIMONY COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHROMIUM COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **CUSTOM DECORATIVE MOULDINGS** | | | | | | | |
| DIISOCYANATES | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **CYTEC INDUSTRIES** | | | | | | | |
| ETHYLENE GLYCOL | | 19 | 0 | 0 | 19 | 26,493 | 0 |
| METHANOL | | 5,541 | 0 | 0 | 5,541 | 195,834 | 0 |
| **Facility Total** | | 5,560 | 0 | 0 | **5,560** | **222,327** | **0** |
| **DAIMLER CHRYSLER** | | | | | | | |
| 1,2,4-TRIMETHYLBENZENE | | 49,900 | 0 | 0 | 49,900 | 4,261 | 26,000 |
| BENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| CERTAIN GLYCOL ETHERS | | 107,000 | 0 | 0 | 107,000 | 151,541 | 32,000 |
| ETHYLBENZENE | | 7,890 | 0 | 0 | 7,890 | 6,100 | 0 |
| ETHYLENE GLYCOL | | 265 | 0 | 0 | 265 | 320 | 0 |
| MANGANESE COMPOUNDS | | 0 | 0 | 0 | 0 | 6,283 | 0 |
| METHANOL | | 850 | 0 | 0 | 850 | 52 | 0 |
| METHYL ISOBUTYL KETONE | | 34,100 | 0 | 0 | 34,100 | 32,000 | 0 |
| N-BUTYL ALCOHOL | | 76,000 | 0 | 0 | 76,000 | 7,600 | 40,000 |
| N-HEXANE | | 1,387 | 0 | 0 | 1,387 | 170 | 0 |
| NICKEL COMPOUNDS | | 0 | 0 | 0 | 0 | 5,600 | 0 |
| NITRATE COMPOUNDS | | 0 | 0 | 0 | 0 | 31,036 | 0 |
| NITRIC ACID | | 31 | 0 | 0 | 31 | 0 | 3,100 |
| N-METHYL-2-PYRROLIDONE | | 31,700 | 0 | 0 | 31,700 | 137 | 22,000 |
| SODIUM NITRITE | | 1,200 | 0 | 0 | 1,200 | 3 | 5,100 |
| TOLUENE | | 3,900 | 0 | 0 | 3,900 | 310 | 0 |
| XYLENE (MIXED ISOMERS) | | 45,900 | 0 | 0 | 45,900 | 34,076 | 0 |
| ZINC COMPOUNDS | | 1 | 0 | 0 | 1 | 19,077 | 0 |
| **Facility Total** | | 360,124 | 0 | 0 | **360,124** | **298,566** | **128,200** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **DENTSPLY CAULK - LAKEVIEW** | | | | | | | |
| LEAD | | 0 | 0 | 0 | 0 | 168 | 0 |
| MERCURY | | 0 | 0 | 0 | 0 | 6,181 | 0 |
| METHANOL | | 0 | 0 | 0 | 0 | 16,095 | 0 |
| SILVER | | 0 | 0 | 0 | 0 | 11 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **22,455** | **0** |
| **DENTSPLY CAULK - WEST** | | | | | | | |
| METHANOL | | 0 | 0 | 0 | 0 | 3,098 | 0 |
| METHYL METHACRYLATE | | 700 | 0 | 0 | 700 | 1,822 | 0 |
| TOLUENE | | 880 | 0 | 0 | 880 | 11,382 | 0 |
| **Facility Total** | | 1,580 | 0 | 0 | **1,580** | **16,302** | **0** |
| **DOVER AFB** | | | | | | | |
| NAPHTHALENE | | 8 | 0 | 0 | 8 | 0 | 0 |
| **Facility Total** | | 8 | 0 | 0 | **8** | **0** | **0** |
| **DOW REICHHOLD** | | | | | | | |
| 1,3-BUTADIENE | | 3,539 | 0 | 0 | 3,539 | 0 | 1,156,243 |
| ACRYLIC ACID | | 1,120 | 0 | 0 | 1,120 | 0 | 0 |
| ACRYLONITRILE | | 2,037 | 0 | 0 | 2,037 | 5 | 481,175 |
| BUTYL ACRYLATE | | 140 | 0 | 0 | 140 | 14 | 230 |
| ETHYL ACRYLATE | | 94 | 0 | 0 | 94 | 0 | 552 |
| FORMALDEHYDE | | 1,965 | 0 | 0 | 1,965 | 0 | 0 |
| METHANOL | | 4 | 0 | 0 | 4 | 10 | 244 |
| METHYL METHACRYLATE | | 777 | 0 | 0 | 777 | 0 | 10,305 |
| N-METHYLOLACRYLAMIDE | | 219 | 0 | 0 | 219 | 0 | 0 |
| STYRENE | | 1,219 | 0 | 0 | 1,219 | 471 | 120,704 |
| VINYL ACETATE | | 967 | 0 | 0 | 967 | 28 | 25,104 |
| **Facility Total** | | 12,081 | 0 | 0 | **12,081** | **528** | **1,794,557** |

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# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **DUPONT EDGE MOOR** | | | | | | | |
| BARIUM COMPOUNDS | | 2 | 7,898 | 0 | 7,900 | 20,589 | 0 |
| BENZO(G,H,I)PERYLENE | | 0 | 0 | 0 | 0 | 0 | 0 |
| CARBONYL SULFIDE | | 213,970 | 0 | 0 | 213,970 | 0 | 0 |
| CHLORINE | | 735 | 0 | 0 | 735 | 0 | 2,539,199 |
| CHROMIUM COMPOUNDS | | 1 | 71 | 0 | 72 | 236,759 | 0 |
| COBALT COMPOUNDS | | 3 | 98 | 0 | 101 | 10,927 | 0 |
| DIOXIN AND DIOXIN-LIKE COMPOUNDS | | 0 | 0 | 0 | 0 | 63 | 0 |
| HEXACHLOROBENZENE | | 0 | 1 | 0 | 1 | 2,014 | 0 |
| HYDROCHLORIC ACID (AEROSOL) | | 6,442 | 0 | 0 | 6,442 | 100 | 14,195,900 |
| LEAD COMPOUNDS | | 1 | 138 | 0 | 139 | 45,033 | 0 |
| MANGANESE COMPOUNDS | | 2 | 91,681 | 0 | 91,683 | 3,117,894 | 0 |
| NICKEL COMPOUNDS | | 44 | 214 | 0 | 258 | 24,438 | 0 |
| OCTACHLOROSTYRENE | | 0 | 0 | 0 | 0 | 430 | 0 |
| PENTACHLOROBENZENE | | 0 | 13 | 0 | 13 | 42 | 0 |
| PHOSGENE | | 2,778 | 0 | 0 | 2,778 | 0 | 168,192 |
| POLYCHLORINATED BIPHENYLS (PCB) | | 0 | 0 | 0 | 0 | 52 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| TITANIUM TETRACHLORIDE | | 31 | 0 | 0 | 31 | 0 | 1,510,285 |
| TOLUENE | | 1,389 | 0 | 0 | 1,389 | 0 | 0 |
| VANADIUM COMPOUNDS | | 17 | 109 | 0 | 126 | 29,146 | 0 |
| ZINC COMPOUNDS | | 22 | 55 | 0 | 77 | 31,682 | 0 |
| **Facility Total** | | 225,437 | 100,277 | 0 | **325,714** | **3,519,168** | **18,413,576** |
| **E-A-R SPECIALTY COMPOSITES** | | | | | | | |
| DIISOCYANATES | | 1 | 0 | 0 | 1 | 1,550 | 0 |
| TOLUENE DIISOCYANATE (MIXED ISOMERS) | | 4 | 0 | 0 | 4 | 4,375 | 0 |
| **Facility Total** | | 5 | 0 | 0 | **5** | **5,925** | **0** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **EDGE MOOR/HAY ROAD POWER PLANTS** | | | | | | | |
| AMMONIA | | 26,311 | 1 | 0 | 26,312 | 0 | 0 |
| BARIUM COMPOUNDS | | 6,249 | 1,131 | 0 | 7,380 | 121,025 | 0 |
| BENZO(G,H,I)PERYLENE | | 0 | 0 | 0 | 0 | 0 | 0 |
| CHROMIUM COMPOUNDS | | 1,056 | 564 | 0 | 1,620 | 30,318 | 0 |
| COBALT COMPOUNDS | | 870 | 0 | 0 | 870 | 25,060 | 0 |
| COPPER COMPOUNDS | | 1,208 | 27 | 0 | 1,235 | 24,087 | 0 |
| DIOXIN AND DIOXIN-LIKE COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| HYDROCHLORIC ACID (AEROSOL) | | 1,402,024 | 0 | 0 | 1,402,024 | 0 | 0 |
| HYDROGEN FLUORIDE | | 85,788 | 0 | 0 | 85,788 | 0 | 9,364 |
| LEAD COMPOUNDS | | 1,307 | 806 | 0 | 2,113 | 10,689 | 0 |
| MANGANESE COMPOUNDS | | 951 | 588 | 0 | 1,539 | 27,619 | 0 |
| MERCURY COMPOUNDS | | 177 | 0 | 0 | 177 | 61 | 0 |
| NICKEL COMPOUNDS | | 5,331 | 1,127 | 0 | 6,458 | 24,726 | 0 |
| NITRATE COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| PENTACHLOROBENZENE | | 16 | 0 | 0 | 16 | 0 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 99 | 0 | 0 | 99 | 21 | 0 |
| SULFURIC ACID (AEROSOLS) | | 108,899 | 0 | 0 | 108,899 | 0 | 143,915 |
| VANADIUM COMPOUNDS | | 1,899 | 0 | 0 | 1,899 | 55,038 | 0 |
| ZINC COMPOUNDS | | 3,228 | 4,631 | 0 | 7,859 | 17,061 | 0 |
| **Facility Total** | | 1,645,412 | 8,875 | 0 | **1,654,288** | **335,705** | **153,279** |
| **FORMOSA PLASTICS** | | | | | | | |
| AMMONIA | | 15,870 | 0 | 0 | 15,870 | 0 | 0 |
| DIOXIN AND DIOXIN-LIKE COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| VINYL ACETATE | | 41,661 | 0 | 0 | 41,661 | 0 | 0 |
| VINYL CHLORIDE | | 68,768 | 14 | 0 | 68,782 | 0 | 145,187 |
| **Facility Total** | | 126,299 | 14 | 0 | **126,313** | **0** | **145,187** |
| **GAC SEAFORD** | | | | | | | |
| 1,2,4-TRIMETHYLBENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **GE ENERGY** | | | | | | | |
| LEAD COMPOUNDS | | 1 | 0 | 0 | 1 | 1,745 | 0 |
| **Facility Total** | | 1 | 0 | 0 | **1** | **1,745** | **0** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **GENERAL MOTORS** | | | | | | | |
| CERTAIN GLYCOL ETHERS | | 10,200 | 0 | 0 | 10,200 | 17,096 | 8,600 |
| ETHYLENE GLYCOL | | 0 | 0 | 0 | 0 | 130 | 0 |
| METHANOL | | 1,528 | 0 | 0 | 1,528 | 8,802 | 180 |
| METHYL TERT-BUTYL ETHER | | 425 | 0 | 0 | 425 | 39 | 0 |
| TOLUENE | | 650 | 0 | 0 | 650 | 48 | 0 |
| XYLENE (MIXED ISOMERS) | | 20,100 | 0 | 0 | 20,100 | 106,073 | 1,200 |
| **Facility Total** | | 32,903 | 0 | 0 | **32,903** | **132,188** | **9,980** |
| **GREENTREE SPRAY TECH.** | | | | | | | |
| TOLUENE | | 65 | 0 | 0 | 65 | 350 | 0 |
| TRICHLOROETHYLENE | | 42 | 0 | 0 | 42 | 1,280 | 0 |
| **Facility Total** | | 107 | 0 | 0 | **107** | **1,630** | **0** |
| **HALKO MANUFACTURING** | | | | | | | |
| ANTIMONY | | 0 | 0 | 0 | 0 | 0 | 0 |
| LEAD | | 0 | 0 | 0 | 0 | 0 | 9,000 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **9,000** |
| **HANOVER FOODS** | | | | | | | |
| AMMONIA | | 11,500 | 0 | 0 | 11,500 | 0 | 0 |
| **Facility Total** | | 11,500 | 0 | 0 | **11,500** | **0** | **0** |
| **HIRSH INDUSTRIES** | | | | | | | |
| CERTAIN GLYCOL ETHERS | | 13,608 | 0 | 0 | 13,608 | 0 | 0 |
| **Facility Total** | | 13,608 | 0 | 0 | **13,608** | **0** | **0** |
| **HONEYWELL** | | | | | | | |
| 1,3-DICHLOROPROPYLENE | | 34 | 0 | 0 | 34 | 25,505 | 0 |
| AMMONIA | | 6,160 | 0 | 0 | 6,160 | 3,384 | 0 |
| BORON TRIFLUORIDE | | 1,476 | 0 | 0 | 1,476 | 5,094 | 0 |
| HYDROGEN FLUORIDE | | 567 | 0 | 0 | 567 | 56 | 0 |
| METHANOL | | 0 | 0 | 0 | 0 | 1,074 | 0 |
| N-HEXANE | | 123,220 | 0 | 0 | 123,220 | 120,633 | 0 |
| TOLUENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 131,457 | 0 | 0 | **131,457** | **155,746** | **0** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **IKO** | | | | | | | |
| POLYCYCLIC AROMATIC COMPOUNDS | | 0 | 0 | 0 | 0 | 96 | 3 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **96** | **3** |
| **INDIAN RIVER POWER PLANT** | | | | | | | |
| AMMONIA | | 14,000 | 0 | 0 | 14,000 | 4,850 | 430,000 |
| BARIUM COMPOUNDS | | 11,005 | 5 | 460,000 | 471,010 | 5 | 0 |
| BENZO(G,H,I)PERYLENE | | 0 | 0 | 0 | 0 | 0 | 0 |
| CHROMIUM COMPOUNDS | | 755 | 250 | 60,000 | 61,005 | 5 | 0 |
| COBALT COMPOUNDS | | 255 | 5 | 22,000 | 22,260 | 0 | 0 |
| COPPER COMPOUNDS | | 755 | 4,500 | 37,000 | 42,255 | 500 | 0 |
| DIOXIN AND DIOXIN-LIKE COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| HYDROCHLORIC ACID (AEROSOL) | | 3,600,000 | 0 | 0 | 3,600,000 | 0 | 1,100,000 |
| HYDROGEN FLUORIDE | | 170,000 | 0 | 0 | 170,000 | 0 | 22,000 |
| LEAD COMPOUNDS | | 596 | 0 | 25,283 | 25,879 | 0 | 0 |
| MANGANESE COMPOUNDS | | 755 | 5 | 77,000 | 77,760 | 0 | 0 |
| MERCURY COMPOUNDS | | 189 | 0 | 52 | 241 | 0 | 0 |
| NAPHTHALENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| NICKEL COMPOUNDS | | 755 | 5 | 44,000 | 44,760 | 250 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 2 | 0 | 0 | 2 | 0 | 0 |
| SULFURIC ACID (AEROSOLS) | | 130,000 | 0 | 0 | 130,000 | 0 | 400,000 |
| VANADIUM COMPOUNDS | | 1,905 | 5 | 81,000 | 82,910 | 0 | 0 |
| ZINC COMPOUNDS | | 1,405 | 2,400 | 60,000 | 63,805 | 255 | 0 |
| **Facility Total** | | 3,932,377 | 7,175 | 866,335 | **4,805,887** | **5,865** | **1,952,000** |
| **INSTEEL WIRE** | | | | | | | |
| LEAD COMPOUNDS | | 0 | 0 | 0 | 0 | 2,478 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **2,478** | **0** |
| **INTERVET** | | | | | | | |
| MERCURY COMPOUNDS | | 0 | 0 | 0 | 0 | 9 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **9** | **0** |

1. All values are in pounds
2. Source: DNREC 2004 Database 11/05
3. A "1" in the Form A column indicates Form A. Form A does not report amounts.

# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **INVISTA SEAFORD** | | | | | | | |
| ANTIMONY COMPOUNDS | | 250 | 0 | 250 | 500 | 0 | 0 |
| BENZO(G,H,I)PERYLENE | | 0 | 0 | 0 | 0 | 0 | 0 |
| BIPHENYL | | 8,000 | 0 | 0 | 8,000 | 3,900 | 0 |
| CHROMIUM COMPOUNDS | | 250 | 0 | 4,600 | 4,850 | 5 | 0 |
| DIOXIN AND DIOXIN-LIKE COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| HYDROCHLORIC ACID (AEROSOL) | | 200,000 | 0 | 0 | 200,000 | 0 | 13,000 |
| LEAD COMPOUNDS | | 55 | 0 | 1,900 | 1,955 | 8 | 0 |
| MERCURY COMPOUNDS | | 42 | 0 | 36 | 78 | 0 | 0 |
| NAPHTHALENE | | 10 | 0 | 0 | 10 | 5 | 0 |
| NITRATE COMPOUNDS | | 0 | 410,000 | 0 | 410,000 | 2,500 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| SODIUM NITRITE | | 0 | 0 | 0 | 0 | 2,400 | 450,000 |
| SULFURIC ACID (AEROSOLS) | | 120,000 | 0 | 0 | 120,000 | 0 | 0 |
| ZINC COMPOUNDS | | 250 | 250 | 6,400 | 6,900 | 250 | 0 |
| **Facility Total** | | 328,857 | 410,250 | 13,186 | **752,293** | **9,068** | **463,000** |
| **JOHNSON CONTROLS** | | | | | | | |
| ANTIMONY COMPOUNDS | | 0 | 0 | 0 | 0 | 11,073 | 0 |
| LEAD COMPOUNDS | | 112 | 5 | 0 | 117 | 3,927,724 | 0 |
| **Facility Total** | | 112 | 5 | 0 | **117** | **3,938,797** | **0** |
| **JOHNSON POLYMER** | | | | | | | |
| AMMONIA | | 3,597 | 0 | 0 | 3,597 | 1,202 | 0 |
| BUTYL ACRYLATE | | 178 | 0 | 0 | 178 | 721 | 57 |
| CERTAIN GLYCOL ETHERS | | 10 | 0 | 0 | 10 | 2,384 | 0 |
| ETHYL ACRYLATE | | 186 | 0 | 0 | 186 | 617 | 917 |
| METHYL METHACRYLATE | | 310 | 0 | 0 | 310 | 33 | 1,719 |
| STYRENE | | 396 | 0 | 0 | 396 | 1,366 | 1,297 |
| **Facility Total** | | 4,677 | 0 | 0 | **4,677** | **6,323** | **3,990** |
| **JUSTIN TANKS** | | | | | | | |
| STYRENE | | 21,176 | 0 | 0 | 21,176 | 210 | 0 |
| **Facility Total** | | 21,176 | 0 | 0 | **21,176** | **210** | **0** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **KUEHNE CHEMICAL CO.** | | | | | | | |
| CHLORINE | | 571 | 0 | 0 | 571 | 0 | 0 |
| **Facility Total** | | 571 | 0 | 0 | **571** | **0** | **0** |
| **MACDERMID** | | | | | | | |
| METHANOL | | 239 | 0 | 0 | 239 | 1,841 | 5,204 |
| TOLUENE DIISOCYANATE (MIXED ISOMERS) | | 16 | 0 | 0 | 16 | 0 | 779 |
| **Facility Total** | | 255 | 0 | 0 | **255** | **1,841** | **5,983** |
| **MARBLE WORKS** | | | | | | | |
| METHYL METHACRYLATE | | 1,084 | 0 | 0 | 1,084 | 0 | 0 |
| STYRENE | | 3,947 | 0 | 0 | 3,947 | 0 | 0 |
| **Facility Total** | | 5,031 | 0 | 0 | **5,031** | **0** | **0** |
| **MCKEE RUN POWER PLANT** | | | | | | | |
| BENZO(G,H,I)PERYLENE | | 0 | 0 | 0 | 0 | 0 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **MEDAL** | | | | | | | |
| METHANOL | | 250 | 0 | 0 | 250 | 24,615 | 1,250,304 |
| N-HEXANE | | 250 | 0 | 0 | 250 | 0 | 1,079,808 |
| N-METHYL-2-PYRROLIDONE | | 250 | 0 | 0 | 250 | 51,008 | 0 |
| **Facility Total** | | 750 | 0 | 0 | **750** | **75,623** | **2,330,112** |
| **METAL MASTERS** | | | | | | | |
| CHROMIUM | | 5 | 0 | 0 | 5 | 192,365 | 0 |
| NICKEL | | 5 | 0 | 0 | 5 | 63,980 | 0 |
| **Facility Total** | | 10 | 0 | 0 | **10** | **256,345** | **0** |
| **MOUNTAIRE FARMS FEED MILL** | | | | | | | |
| COPPER COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| MANGANESE COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| ZINC COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **MOUNTAIRE FARMS OF DELAWARE** | | | | | | | |
| COPPER COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| MANGANESE COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| ZINC COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **NORAMCO** | | | | | | | |
| DICHLOROMETHANE | | 1,817 | 0 | 0 | 1,817 | 94,172 | 729,656 |
| FORMIC ACID | | 6 | 0 | 0 | 6 | 5,331 | 0 |
| METHANOL | | 1,270 | 0 | 0 | 1,270 | 611,716 | 49,880 |
| N,N-DIMETHYLANILINE | | 0 | 0 | 0 | 0 | 27,861 | 0 |
| N-BUTYL ALCOHOL | | 13 | 0 | 0 | 13 | 103,885 | 0 |
| TOLUENE | | 1,616 | 725 | 0 | 2,341 | 680,230 | 1,314,399 |
| **Facility Total** | | 4,722 | 725 | 0 | **5,447** | **1,523,195** | **2,093,935** |
| **NRG DOVER** | | | | | | | |
| BENZO(G,H,I)PERYLENE | | 0 | 0 | 0 | 0 | 0 | 0 |
| HYDROCHLORIC ACID (AEROSOL) | | 33,000 | 0 | 0 | 33,000 | 0 | 0 |
| LEAD COMPOUNDS | | 2 | 0 | 0 | 2 | 396 | 0 |
| MERCURY COMPOUNDS | | 8 | 0 | 0 | 8 | 7 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| SULFURIC ACID (AEROSOLS) | | 11,000 | 0 | 0 | 11,000 | 0 | 34,000 |
| **Facility Total** | | 44,011 | 0 | 0 | **44,011** | **403** | **34,000** |
| **OCCIDENTAL CHEMICAL** | | | | | | | |
| CHLORINE | | 58 | 0 | 0 | 58 | 289 | 1,968,852 |
| DIOXIN AND DIOXIN-LIKE COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| MERCURY | | 264 | 15 | 0 | 279 | 1,019 | 1,600 |
| **Facility Total** | | 322 | 15 | 0 | **337** | **1,308** | **1,970,452** |
| **ORIENT** | | | | | | | |
| ANILINE | | 3,168 | 0 | 0 | 3,168 | 579 | 12,144 |
| CHROMIUM COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| NITROBENZENE | | 256 | 0 | 0 | 256 | 0 | 0 |
| **Facility Total** | | 3,424 | 0 | 0 | **3,424** | **579** | **12,144** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical
(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **PERDUE BRIDGEVILLE** | | | | | | | |
| BENZO(G,H,I)PERYLENE | | 0 | 0 | 0 | 0 | 0 | 0 |
| COPPER COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| MANGANESE COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| ZINC COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **PERDUE GEORGETOWN** | | | | | | | |
| BENZO(G,H,I)PERYLENE | | 0 | 0 | 0 | 0 | 0 | 0 |
| NITRATE COMPOUNDS | | 0 | 370,000 | 100 | 370,100 | 0 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 370,000 | 100 | **370,100** | **0** | **0** |
| **PICTSWEET** | | | | | | | |
| AMMONIA | | 350 | 0 | 0 | 350 | 0 | 0 |
| **Facility Total** | | 350 | 0 | 0 | **350** | **0** | **0** |
| **PINNACLE FOODS** | | | | | | | |
| BENZO(G,H,I)PERYLENE | | 0 | 0 | 0 | 0 | 0 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 2 | 0 | 0 | 2 | 0 | 0 |
| **Facility Total** | | 2 | 0 | 0 | **2** | **0** | **0** |
| **PLAYTEX PRODUCTS** | | | | | | | |
| CHLORINE | | 3 | 0 | 0 | 3 | 0 | 2,300 |
| NITRIC ACID | | 24 | 0 | 0 | 24 | 25,000 | 4,500 |
| **Facility Total** | | 27 | 0 | 0 | **27** | **25,000** | **6,800** |
| **PPG DOVER** | | | | | | | |
| CERTAIN GLYCOL ETHERS | | 2 | 0 | 0 | 2 | 1,207 | 0 |
| DIBUTYL PHTHALATE | | 0 | 0 | 0 | 0 | 1,230 | 0 |
| ETHYLENE GLYCOL | | 1 | 0 | 0 | 1 | 8,699 | 0 |
| ZINC COMPOUNDS | | 50 | 0 | 0 | 50 | 2,130 | 0 |
| **Facility Total** | | 53 | 0 | 0 | **53** | **13,266** | **0** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **PREMCOR** | | | | | | | |
| 1,2,4-TRIMETHYLBENZENE | | 1,783 | 0 | 0 | 1,783 | 0 | 484,320 |
| 1,3-BUTADIENE | | 599 | 0 | 0 | 599 | 0 | 7 |
| 2,4-DIMETHYLPHENOL | | 0 | 530 | 0 | 530 | 0 | 52,433 |
| AMMONIA | | 204,816 | 31,885 | 0 | 236,701 | 5 | 21,894,440 |
| ANTHRACENE | | 0 | 0 | 0 | 0 | 0 | 10 |
| BENZENE | | 3,425 | 6,006 | 0 | 9,431 | 74 | 232,474 |
| BENZO(G,H,I)PERYLENE | | 1 | 4 | 0 | 5 | 0 | 420 |
| CARBON DISULFIDE | | 33 | 0 | 0 | 33 | 0 | 37,304 |
| CARBONYL SULFIDE | | 15,771 | 0 | 0 | 15,771 | 0 | 1,028,531 |
| CHROMIUM COMPOUNDS | | 340 | 7 | 11,868 | 12,215 | 34,002 | 0 |
| COPPER COMPOUNDS | | 1,566 | 1,550 | 109 | 3,225 | 120 | 0 |
| CRESOL (MIXED ISOMERS) | | 0 | 55,369 | 0 | 55,369 | 1 | 275,668 |
| CUMENE | | 96 | 0 | 0 | 96 | 0 | 30 |
| CYANIDE COMPOUNDS | | 18,803 | 1,042 | 0 | 19,845 | 0 | 474,277 |
| CYCLOHEXANE | | 17,841 | 0 | 0 | 17,841 | 0 | 1,980 |
| DIOXIN AND DIOXIN-LIKE COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| ETHYLBENZENE | | 5,484 | 1,226 | 0 | 6,710 | 0 | 14,196 |
| ETHYLENE | | 124 | 0 | 0 | 124 | 0 | 3,458 |
| ETHYLENE GLYCOL | | 0 | 101 | 0 | 101 | 0 | 9,990 |
| HYDROCHLORIC ACID (AEROSOL) | | 137,760 | 0 | 0 | 137,760 | 0 | 170,991 |
| HYDROGEN CYANIDE | | 18,803 | 1,042 | 0 | 19,845 | 0 | 1,374,277 |
| LEAD COMPOUNDS | | 141 | 10 | 46 | 197 | 845 | 0 |
| MANGANESE COMPOUNDS | | 1,076 | 0 | 15,828 | 16,904 | 43,945 | 0 |
| MERCURY COMPOUNDS | | 17 | 0 | 2 | 19 | 9 | 0 |
| METHANOL | | 18,601 | 287 | 0 | 18,888 | 0 | 21,332 |
| METHYL TERT-BUTYL ETHER | | 20,932 | 367 | 0 | 21,299 | 0 | 82,297 |
| MOLYBDENUM TRIOXIDE | | 114 | 404 | 369 | 887 | 5,419 | 0 |
| NAPHTHALENE | | 753 | 1 | 0 | 754 | 1 | 999 |
| N-BUTYL ALCOHOL | | 535 | 4 | 0 | 539 | 0 | 422 |
| N-HEXANE | | 55,966 | 0 | 0 | 55,966 | 0 | 4,449 |
| NICKEL COMPOUNDS | | 1,222 | 1,550 | 52,856 | 55,628 | 151,366 | 0 |
| NITRATE COMPOUNDS | | 0 | 239,380 | 0 | 239,380 | 0 | 662,032 |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| ***Premcor, continued*** | | | | | | | |
| PHENANTHRENE | | 2 | 0 | 0 | 2 | 0 | 20 |
| PHENOL | | 51 | 45,575 | 0 | 45,626 | 0 | 234,891 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 6 | 4 | 0 | 10 | 0 | 346 |
| PROPYLENE | | 21,532 | 0 | 0 | 21,532 | 0 | 541,494 |
| SODIUM NITRITE | | 0 | 916 | 0 | 916 | 0 | 1,738,807 |
| STYRENE | | 34 | 0 | 0 | 34 | 0 | 26 |
| SULFURIC ACID (AEROSOLS) | | 259,552 | 0 | 0 | 259,552 | 0 | 0 |
| TETRACHLOROETHYLENE | | 9 | 0 | 0 | 9 | 0 | 0 |
| TOLUENE | | 7,771 | 4,655 | 0 | 12,426 | 0 | 177,669 |
| VANADIUM COMPOUNDS | | 2,699 | 6,871 | 149,502 | 159,072 | 414,802 | 0 |
| XYLENE (MIXED ISOMERS) | | 11,042 | 0 | 0 | 11,042 | 0 | 112,898 |
| ZINC COMPOUNDS | | 2,377 | 2,331 | 485 | 5,193 | 1,336 | 0 |
| **Facility Total** | | 831,677 | 401,117 | 231,065 | **1,463,860** | **651,925** | **29,632,488** |
| **ROHM & HAAS** | | | | | | | |
| DIISOCYANATES | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| N,N-DIMETHYLFORMAMIDE | | 3,200 | 0 | 0 | 3,200 | 570,228 | 3,950,821 |
| PHTHALIC ANHYDRIDE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 3,200 | 0 | 0 | **3,200** | **570,228** | **3,950,821** |
| **ROHM & HAAS TECH CENTER** | | | | | | | |
| 4,4'-METHYLENEBIS(2-CHLOROANILINE) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| DIISOCYANATES | | 2 | 0 | 0 | 2 | 13,185 | 0 |
| N-METHYL-2-PYRROLIDONE | | 3,082 | 0 | 0 | 3,082 | 119,444 | 0 |
| **Facility Total** | | 3,084 | 0 | 0 | **3,084** | **132,628** | **0** |
| **ROLLER SERVICE** | | | | | | | |
| DI(2-ETHYLHEXYL) PHTHALATE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **SARA LEE APPAREL** | | | | | | | |
| NITRATE COMPOUNDS | | 0 | 0 | 0 | 0 | 109,173 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 1 | 0 | 0 | 1 | 0 | 0 |
| **Facility Total** | | 1 | 0 | 0 | **1** | **109,173** | **0** |
| **SERVICE ENERGY DOVER** | | | | | | | |
| 1,2,4-TRIMETHYLBENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOLUENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **SERVICE ENERGY MILFORD** | | | | | | | |
| 1,2,4-TRIMETHYLBENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOLUENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **SPATZ FIBERGLASS** | | | | | | | |
| STYRENE | | 3,900 | 0 | 0 | 3,900 | 0 | 0 |
| **Facility Total** | | 3,900 | 0 | 0 | **3,900** | **0** | **0** |
| **SPI PHARMA** | | | | | | | |
| CHLORINE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| NITRIC ACID | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **0** | **0** |
| **SPI POLYOLS** | | | | | | | |
| NICKEL COMPOUNDS | | 10 | 0 | 0 | 10 | 321,953 | 15,171 |
| NITRATE COMPOUNDS | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| NITRIC ACID | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| POLYCYCLIC AROMATIC COMPOUNDS | | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 10 | 0 | 0 | **10** | **321,953** | **15,171** |

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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **SUNOCO MARCUS HOOK** | | | | | | | |
| BENZENE | | 2,770 | 0 | 0 | 2,770 | 0 | 0 |
| ETHYLENE | | 72,606 | 0 | 0 | 72,606 | 0 | 0 |
| ETHYLENE OXIDE | | 8,800 | 0 | 0 | 8,800 | 0 | 0 |
| TOLUENE | | 5 | 0 | 0 | 5 | 0 | 0 |
| **Facility Total** | | 84,181 | 0 | 0 | **84,181** | **0** | **0** |
| **SUNROC** | | | | | | | |
| CHROMIUM | | 0 | 0 | 0 | 0 | 3,310 | 0 |
| COPPER | | 0 | 0 | 0 | 0 | 10,006 | 0 |
| **Facility Total** | | 0 | 0 | 0 | **0** | **13,316** | **0** |
| **UNIQEMA** | | | | | | | |
| 4,4'-ISOPROPYLIDENEDIPHENOL | | 450 | 0 | 0 | 450 | 5,826 | 0 |
| BIS(2-CHLOROETHYL) ETHER | | 84 | 0 | 0 | 84 | 8,625 | 0 |
| CERTAIN GLYCOL ETHERS | | 18 | 0 | 0 | 18 | 2,217 | 950 |
| DIETHANOLAMINE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| DIETHYL SULFATE | | 481 | 0 | 0 | 481 | 69 | 29 |
| ETHYLENE OXIDE | | 2,735 | 0 | 0 | 2,735 | 0 | 0 |
| NAPHTHALENE | | 7 | 0 | 0 | 7 | 3,435 | 1,472 |
| PHENOL | | 53 | 0 | 0 | 53 | 452 | 194 |
| PROPYLENE OXIDE | | 1,279 | 0 | 0 | 1,279 | 0 | 0 |
| **Facility Total** | | 5,107 | 0 | 0 | **5,107** | **20,624** | **2,645** |



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# APPENDIX C
# 2004 On-Site Releases by Facility And Chemical

(in pounds)

| FACILITIES ARRANGED ALPHABETICALLY | FORM A | ON-SITE RELEASES AIR | WATER | LAND | TOTAL | OFF-SITE TRANSFERS | ON-SITE WASTE MANAGEMENT |
|---|---|---|---|---|---|---|---|
| **VP RACING FUELS** | | | | | | | |
| BENZENE | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| LEAD COMPOUNDS | | 2 | 0 | 0 | 2 | 10 | 0 |
| METHANOL | | 350 | 0 | 0 | 350 | 1,056 | 0 |
| METHYL TERT-BUTYL ETHER | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOLUENE | | 160 | 0 | 0 | 160 | 1,989 | 0 |
| XYLENE (MIXED ISOMERS) | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Facility Total** | | 512 | 0 | 0 | **512** | **3,055** | **0** |
| **State Release Totals** | **52** | **7,935,591** | **1,298,993** | **1,111,392** | **10,345,976** | **18,127,625** | **63,987,618** |



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